

FORM PTO-1619A

Expires 06/30/99

OMB 0651-0027

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01-06-2003

U.S. Department of Commerce  
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PATENT

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FINANCE SECTION

RECORDATION FORM COVER SHEET  
PATENTS ONLY

12-30-02

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

## Submission Type

- ☒ New
- ☐ Resubmission (Non-Recordation)  
Document ID#
- ☐ Correction of PTO Error  
Reel #  Frame #
- ☐ Corrective Document  
Reel #  Frame #

## Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

## Conveying Party(ies)

- ☒ Mark if additional names of conveying parties attached
- Execution Date  
Month Day Year

Name (line 1) Uday Arun Tare

06/12/2001

Name (line 2)

## Second Party

Name (line 1) Fersheed Khodadad Mody

Execution Date  
Month Day Year  
06/12/2001

Name (line 2)

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Halliburton Energy Services, Inc.

Name (line 2)

Address (line 1) 4100 Clinton Drive

Address (line 2)

Address (line 3) Houston

Texas

77020

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

## Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REEL: 013617 FRAME: 0444

**Correspondent Name and Address**

Area Code and Telephone Number

713 658 9323

Name Karen B. Tripp

Address (line 1) Attorney at Law

Address (line 2) P.O. Box 1301

Address (line 3) Houston, Texas 77251-1301

Address (line 4) United States of America

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 4

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

60/209,488

09/874,806

If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT  
PCT PCT PCT

**Number of Properties**

Enter the total number of properties involved.

# 2

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

# 50-0807

Authorization to charge additional fees:

Yes

☒

No

☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Karen B. Tripp

Name of Person Signing

Karen B. Tripp

Signature

December 23, 2002

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

**Conveying Party(ies)**



Mark if additional names of conveying parties attached

*Enter additional Conveying Parties*

Name (line 1) **Ali I. Mese**

Execution Date  
Month Day Year  
**06/12/2001**

Name (line 2)

Name (line 1) **Di Jiao**

Execution Date  
Month Day Year  
**06/12/2001**

Name (line 2)

Name (line 1) **Mustafa Hakimuddin**

Execution Date  
Month Day Year  
**06/14/2001**

Name (line 2)

**Receiving Party**



Mark if additional names of receiving parties attached

Name (line 1)



If document to be recorded  
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representative is attached.  
(Designation must be a  
separate document from  
Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)



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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

**Application Number(s) or Patent Number(s)**



Mark if additional numbers attached

*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

**Patent Application Number(s)**

**Patent Number(s)**

**ASSIGNMENT**

**WHEREAS**, we, Uday Arun Tare, Fersheed Khodadad Mody, Ali I. Mese, Di Jiao, and Mustafa Hakimuddin, have made an invention entitled **REAL-TIME FORMATION STABILITY AND DRILLING FLUID FORMATION INTERACTION MONITORING CAPABILITY**, for which an application for patent was filed in the United States of America on June 5, 2001 as Serial Number 09/874,806, and for which a provisional patent application was filed in the United States of America on June 6, 2000 as Serial Number 60/209,488, and

**WHEREAS**, HALLIBURTON ENERGY SERVICES, INC., ("Assignee") a Delaware corporation, with an address of 4100 Clinton Drive, Houston, Texas 77020 in the United States of America, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any further applications and Letters Patent that may issue thereon;

**NOW THEREFORE**, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said patent applications and all further applications claiming priority to said either or both of said patent applications and all patents which may be granted therefor, and all divisions, reissues, continuations, continued prosecution applications and extensions thereof; and we hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

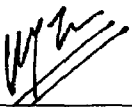
We also assign to Assignee, all right, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements, and at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continued prosecution applications, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

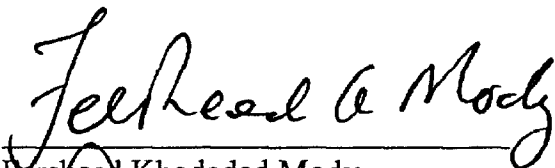
This Assignment shall be binding on the parties' successors, assigns and legal representatives.

IN WITNESS WHEREOF, we have executed this Assignment on the date noted below:


Date: June 12<sup>th</sup> 2001

  
 Uday Arun Tare  
 Citizen of India

Date: June 12<sup>th</sup> 2001

  
 Persheed Khodadad Mody  
 Citizen of U.S.A.

Date: June 12 2001

  
 Ali I. Mese  
 Citizen of Turkey

Date: June 14<sup>th</sup> 2001

  
 Di Jiao  
 Citizen of People's Republic of China

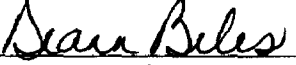
Date: June 14<sup>th</sup> 2001

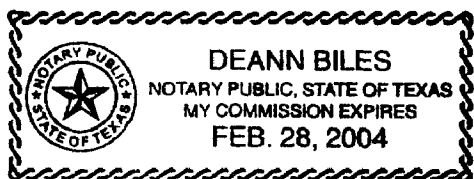
  
 Mustafa Hakimuddin  
 Citizen of Pakistan

STATE OF TEXAS §  
 COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Uday Arun Tare**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office this 12<sup>th</sup> day of June, 2001.

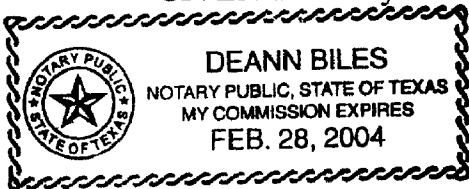
  
 Notary Public  
 In and for the State of Texas



STATE OF TEXAS                   §  
   §  
 COUNTY OF Harris           §

BEFORE ME, the undersigned authority, on this day personally appeared **Fersheed Khodadad Mody**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office this 12<sup>th</sup> day of June, 2001.

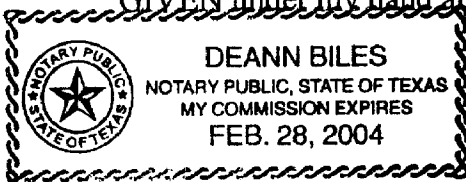


Deann Biles  
 Notary Public  
 In and for the State of Texas

STATE OF TEXAS                   §  
   §  
 COUNTY OF Harris           §

BEFORE ME, the undersigned authority, on this day personally appeared **Ali I. Mese**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office this 12<sup>th</sup> day of June, 2001.



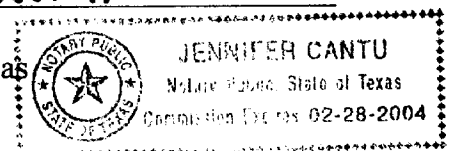
Deann Biles  
 Notary Public  
 In and for the State of Texas

STATE OF TEXAS                   §  
   §  
 COUNTY OF Harris           §

BEFORE ME, the undersigned authority, on this day personally appeared **Di Jiao**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office this 14<sup>th</sup> day of June, 2001.

Jennifer Cantu  
 Notary Public  
 In and for the State of Texas



STATE OF TEXAS                   §  
   §  
COUNTY OF Harris           §

BEFORE ME, the undersigned authority, on this day personally appeared **Mustafa Hakimuddin** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office this 14<sup>th</sup> day of June, 2001.

Glennifer Cantu  
Notary Public  
In and for the State of Texas

